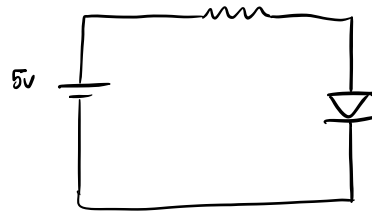
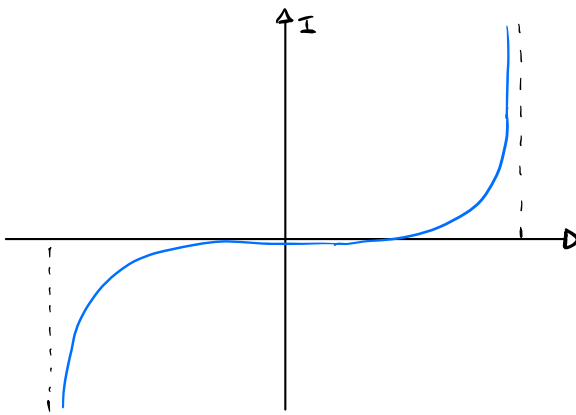




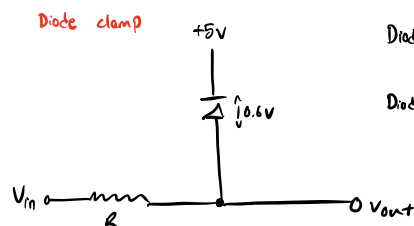
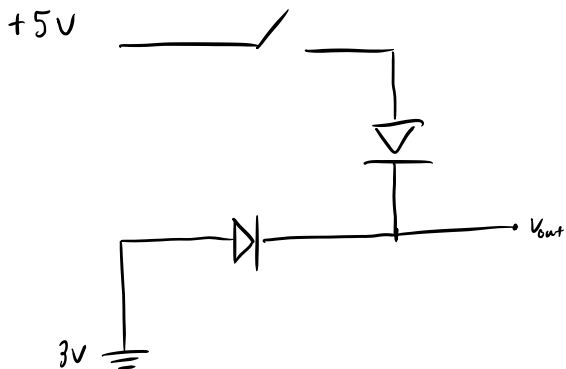
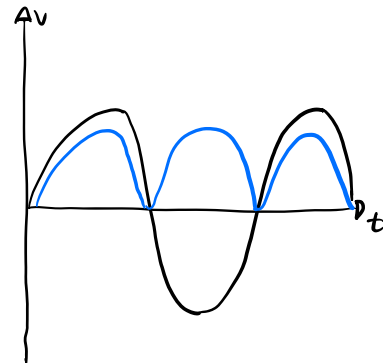
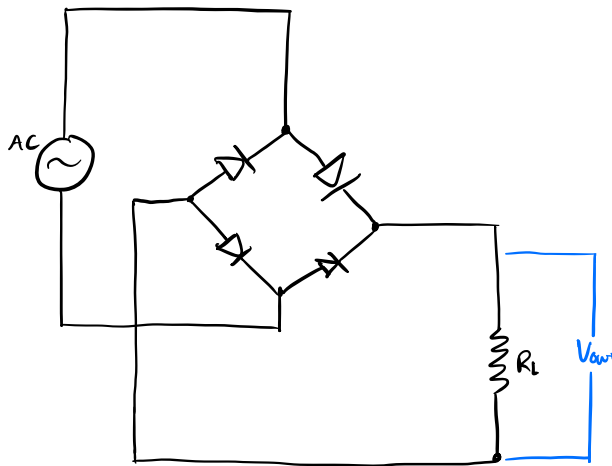
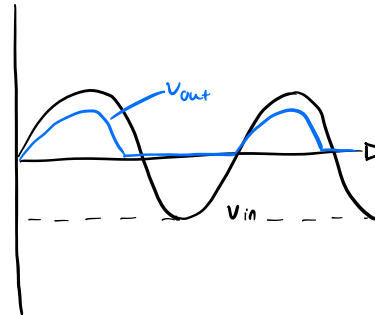
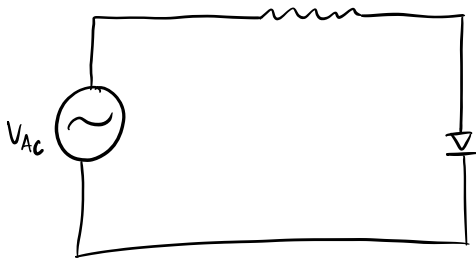
I-V



$$5 - IR - 0.7 = 0$$

$$IR = (5 - 0.7)V$$

$$I = 4.3 \text{ mA}$$



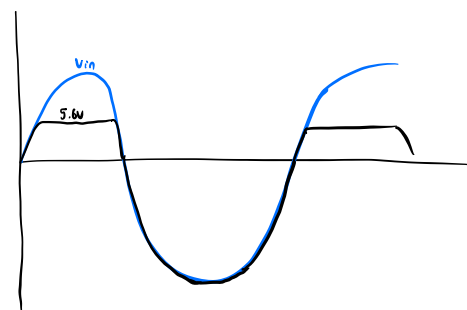
Diode clamp

Diode off if $V_{in} < 5.6 \text{ V}$

$$V_{out} = V_{in}$$

Diode on if $V_{in} > 5.6 \text{ V}$

$$V_{out} = 5.6 \text{ V}$$



Diode Limiter

10 V AC

